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Submitted: 12/28/2011 at 20:33:32
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12-17

FCC 601
Main Form

FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB

3060 - 0798

See instructions for
public burden estimate

1) Radio Service Code: IG	1a) Existing Radio Service Code:
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General Information

2) (Select only one) (MD)	
NE - New MD - Modification AM - Amendment	RO - Renewal Only RM - Renewal/Modification CA - Cancellation of License
AU - Administrative Update WD - Withdrawal of Application DU - Duplicate License	NT - Required Notifications EX - Requests for Extension of Time RL - Registered Location/Link
3a) If this application is for a <u>D</u> evelopmental License, <u>D</u> emonstration License, or a <u>S</u> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <u>N</u> ' (Not Applicable).	(N) <u>D</u> <u>M</u> <u>S</u> <u>N/A</u>
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	() <u>Y</u> es <u>N</u> o
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, Duplicate License, or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign WQFW336
6) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM / DD
7) Is this application "major" as defined in §1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of §1.929).	(Y) <u>Y</u> es <u>N</u> o
8) Are attachments (other than associated schedules) being filed with this application?	(Y) <u>Y</u> es <u>N</u> o

Fees, Waivers, and Exemptions

9) Is the Applicant exempt from FCC application fees?	(N) <u>Y</u> es <u>N</u> o
10) Is the Applicant exempt from FCC regulatory fees?	(N) <u>Y</u> es <u>N</u> o
11a) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	(Y) <u>Y</u> es <u>N</u> o
11b) If 11a is 'Y', enter the number of rule sections involved.	Number of Rule Section(s): 1
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(N) <u>Y</u> es <u>N</u> o

Applicant Information

13) FCC Registration Number (FRN): 0015495773			
14) Applicant/Licensee legal entity type: (Select One) <input type="checkbox"/> Individual <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input type="checkbox"/> Government Entity <input type="checkbox"/> Consortium <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Liability Company <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Other (Description of Legal Entity)			
15) If the licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to another party and for which proper Commission approval has not been received or proper notification not provided?			N)Yes No
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): AMERICAN TIME & SIGNAL CO.			
18) Attention To: MANAGER			
19) P.O. Box: 707	And/Or	20) Street Address:	
21) City: DASSEL		22) State: MN	23) Zip Code: 55325
24) Telephone Number: (320)275-2101		25) FAX: (320)275-2603	
26) E-Mail Address: licensing@atsclock.com			

27) Demographics (Optional):

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input checked="" type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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Real Party in Interest

28) Name of Real Party in Interest of Applicant (If different from applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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Contact Information (If different from the applicant)

30) First Name: JOHN	MI:	Last Name: BLACK	Suffix:
31) Company Name: SPECTRUM LICENSE CONSULTANTS, INC			
32) Attention To:			
33) P.O. Box: 703815	And /Or	34) Street Address: P.O. BOX 703815	
35) City: DALLAS		36) State: TX	37) Zip Code: 75370
38) Telephone Number: (972)248-2400		39) FAX: (972)248-2422	
40) E-Mail Address: spectrum@fcc-licensing.com			

Regulatory Status

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):

() Common Carrier () Non-Common Carrier (☒) Private, internal communications () Broadcast Services () Band Manager**Type of Radio Service**

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):

() Fixed (☒) Mobile () Radiolocation () Satellite (sound) () Broadcast Services43) Does the Applicant propose to provide service interconnected to the public telephone network? (☐) Yes ☒ No**Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances)**44) Is the Applicant a foreign government or the representative of any foreign government? (☐) Yes ☒ No45) Is the Applicant an alien or the representative of an alien? (☐) Yes ☒ No46) Is the Applicant a corporation organized under the laws of any foreign government? (☐) Yes ☒ No47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? (☐) Yes ☒ No48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (☐) Yes ☒ No48b) If the answer to 48a is 'Y', has the Applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application? (☐) Yes ☒ No

If the answer to 48b is 'Y', include in the exhibit required by Item 48a the citation(s) of the applicable declaratory ruling(s) by DA/FCC number of the FCC Record citation, if available, release date, and any other identifying information.

If the answer to 48b is 'N', attach to this filing a date-stamped copy of a request for a foreign ownership ruling pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreign ownership ruling if the Applicant includes in the exhibit required by Item 48a a showing that the requested license(s) is exempt from the provisions of Section 310(b)(4).

Basic Qualification Questions49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? (☐) Yes ☒ No50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court? (☐) Yes ☒ No51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition? (☐) Yes ☒ No

If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.

Aeronautical Advisory Station (Unicom) Certification

52) () I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.

Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership53a) Will the requested facilities be used to provide multichannel video programming service? (☐) Yes ☒ No53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located within the geographic service area of the requested facilities? (☐) Yes ☒ No**Note:** If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.**Broadband Radio Service and Educational Broadband Service (Part 27)**54) (For EBS only) Does the Applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules? (☐) Yes ☒ No**Note:** If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.55) (For BRS and EBS) Does the Applicant comply with Sections 27.50, 27.55, and 27.1221 of the Commission's Rules? (☐) Yes ☒ No**Note:** If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.

General Certification Statements

1)	The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2)	The applicant certifies that grant of this application would not cause the applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3)	The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
4)	The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR § 1.2002(c). See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification.
5)	The applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's rules.
6)	The applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 C.F.R. 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 C.F.R. 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7)	The applicant certifies that it has reviewed the appropriate Commission rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).
8)	The applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.

Signature

56) Typed or Printed Name of Party Authorized to Sign

First Name:	MI:	Last Name:	Suffix:
JAMES		KOSKI	
57) Title:			
ENGINEERING MANAGER			
Signature:			58) Date:
JAMES KOSKI			12/28/2011
FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.			
Upon grant of this license application, the licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

See 601 Main Form Instructions
for public burden estimate

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 3	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 29-42-43.6		8) Longitude (DDD-MM-SS.S): 095-24-00.2	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 6448 FANNIN ST			
10) City: HOUSTON		11) State: TX	
12) County/Borough/Parish: HARRIS			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 20.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 4	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 36-09-12.5		8) Longitude (DDD-MM-SS.S): 086-48-32.8	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 2216 MURPHY AVE			
10) City: NASHVILLE		11) State: TN	
12) County/Borough/Parish: DAVIDSON			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 16.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: <u> </u> Hand Held <u> </u> Mobile <u> </u> Temporary Fixed <u> </u> Aircraft <u> </u> Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: <u> </u> / <u> </u> / <u> </u>			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

**Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures**

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 5	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 40-44-42.2		8) Longitude (DDD-MM-SS.S): 073-53-07.6	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 79-01 BROADWAY			
10) City: ELMHURST		11) State: NY	
12) County/Borough/Parish: QUEENS			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 14.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 6	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 44-58-02.6		8) Longitude (DDD-MM-SS.S): 093-14-13.2	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 2414 S 7TH ST			
10) City: MINNEAPOLIS		11) State: MN	
12) County/Borough/Parish: HENNEPIN			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 12.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: <u> </u> Hand Held <u> </u> Mobile <u> </u> Temporary Fixed <u> </u> Aircraft <u> </u> Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. (N) <u>Yes</u> <u>No</u> If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311.			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: <u> </u> / <u> </u> / <u> </u>			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

See 601 Main Form Instructions
for public burden estimate

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 7	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 47-45-23.3		8) Longitude (DDD-MM-SS.S): 090-20-29.1	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 515 5TH AVE W			
10) City: GRAND MARAIS		11) State: MN	
12) County/Borough/Parish: COOK			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 12.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (Y) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 8	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 48-05-03.8		8) Longitude (DDD-MM-SS.S): 123-06-14.4	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 503 N SEQUIM AVE			
10) City: SEQUIM		11) State: WA	
12) County/Borough/Parish: CLALLAM			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 12.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (Y) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

See 601 Main Form Instructions
for public burden estimate

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 9	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 44-58-54.2		8) Longitude (DDD-MM-SS.S): 093-28-57.6	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 305 VICKSBURG LANE			
10) City: PLYMOUTH		11) State: MN	
12) County/Borough/Parish: HENNEPIN			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 12.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: <u> </u> Hand Held <u> </u> Mobile <u> </u> Temporary Fixed <u> </u> Aircraft <u> </u> Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. (N) <u>Yes</u> <u>No</u> If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311.			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: <u> </u> / <u> </u> / <u> </u>			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 10	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 40-01-31.2		8) Longitude (DDD-MM-SS.S): 078-25-59.0	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 10455 LINCOLN HWY			
10) City: EVERETT		11) State: PA	
12) County/Borough/Parish: BEDFORD			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 20.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

See 601 Main Form Instructions
for public burden estimate

1) Action Requested: (<u>A</u>) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: <u>11</u>	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 45-08-09.4		8) Longitude (DDD-MM-SS.S): 094-31-17.2	
NAD83 (<u>N</u>) <u>N</u> or <u>S</u>		NAD83 (<u>W</u>) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 340 EAST 10TH STREET			
10) City: LITCHFIELD		11) State: MN	
12) County/Borough/Parish: MEEKER			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 14.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 (<u> </u>) <u>N</u> or <u>S</u>		NAD83 (<u> </u>) <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (<u>N</u>) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: <u> </u> Hand Held <u> </u> Mobile <u> </u> Temporary Fixed <u> </u> Aircraft <u> </u> Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (<u>N</u>) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: <u> </u> / <u> </u> / <u> </u>			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? (<u> </u>) <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? (<u> </u>) <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 12	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 45-07-10.9		8) Longitude (DDD-MM-SS.S): 094-31-45.1	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 612 SOUTH SIBLEY AVENUE			
10) City: LITCHFIELD		11) State: MN	
12) County/Borough/Parish: MEEKER			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 14.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

See 601 Main Form Instructions
for public burden estimate

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 13	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 45-04-26.6		8) Longitude (DDD-MM-SS.S): 094-11-33.3	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 200 5TH ST S W			
10) City: COKATO		11) State: MN	
12) County/Borough/Parish: WRIGHT			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 12.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Wireless Telecommunications Bureau and/or
Public Safety and Homeland Security Bureau
Schedule for Station Locations and Antenna Structures

See 601 Main Form Instructions
for public burden estimate

1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 14	
3) Location Description: Mobile		4) Area of Operation Code: P	
5) Location Name:			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A			
7) Latitude (DD-MM-SS.S): 44-49-47.2		8) Longitude (DDD-MM-SS.S): 093-19-53.4	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 9700 FRANCE AVE S			
10) City: MINNEAPOLIS		11) State: MN	
12) County/Borough/Parish: HENNEPIN			
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example):	
15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example):			
16) Support Structure Type:			
17) Location Number: (only for Area of Operation Code 'A')		18) Radius (km): 16.0	
19) Airport Identifier:		20) Site Status:	
21) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner) --		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner) --	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
23) Do you propose to operate in an area that requires frequency coordination with Canada? (N) <u>Yes</u> <u>No</u>			
24) Description: (only for Area of Operation Code 'O')			
25) Number of Units: ___ Hand Held ___ Mobile ___ Temporary Fixed ___ Aircraft ___ Itinerant			
26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. (N) <u>Yes</u> <u>No</u>			
27a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: ___/___/___			
27b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () <u>Yes</u> <u>No</u>			
28) Do you propose to operate in an area that requires frequency coordination with Mexico? () <u>Yes</u> <u>No</u>			

Technical Data Schedule for the
Private Land Mobile and Land Mobile Broadcast Auxiliary
Radio Services (Parts 90 and 74)

Approved by OMB
3060 - 0798
See 601 Main Form instructions
for public burden estimate

Eligibility

1) Rule Section: 90.35	2) Describe Activity: WE THE APPLICANT ARE LAWFULLY ENGAGED IN THE COMMERCIAL ACTIVITY OF PROVIDING CLOCKS TO THE PUBLIC.
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Frequency Coordinator Information (if not self-coordinated)

3) Frequency Coordination Number	4) Name of Frequency Coordinator	5) Telephone Number	6) Coordination Date
PC20113560017	Personal Communications Industry Associa	(703)739-0300	12/28/2011
7) Has this application been successfully coordinated?			(<u>Y</u>) Yes/No

Extended Implementation (Slow Growth)

8) Are you requesting a new or modified extended implementation plan? If 'Yes', attach an exhibit with a justification and a proposed station construction schedule.	(<u>N</u>) Yes/No
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Associated Call Signs (Attach additional sheets if required)

9)				
----	--	--	--	--

Broadcast Auxiliary Only

If there is an associated Parent Station, complete Items 10-12.	10) Facility Id of Parent Station:	11) Radio Service of Parent Station:	12) City and State of Parent Station Principal Community:
13) If there is no associated parent station, this Applicant is a: () <u>Cable</u> Network Entity <u>Broadcast</u> Network Entity Television <u>Cable</u> Operator <u>Motion Picture</u> Producer <u>Television</u> Producer			14) State of Primary Operation:

Control Point(s) (Other than at the transmitter) (Attach additional sheets if required)

15) Action A/M/D	16) Control Point Number	17) Location Street Address, City or Town, County/Borough/Parish, State	18) Telephone Number

Antenna Information

19) Action () A/M/D	20) Location Number	21) Antenna Number	22) AAT (meters)	23) Antenna Ht. (meters)	24) Azimuth (degrees)	25) Beamwidth (degrees)	26) Polarization	27) Gain (dB)

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	3	1	Existing (if Mod) 000464.65000000	New	MO6	1		40.000	22.000	11K2F1D (A)
A	3	2	Existing (if Mod) 000464.65000000	New	MO6	1		10.000	13.000	11K2F1D (A)
A	4	1	Existing (if Mod) 000464.65000000	New	MO6	1		25.000	14.000	11K2F1D (A)
A	5	1	Existing (if Mod) 000464.65000000	New	MO6	1		10.000	13.000	11K2F1D (A)
A	6	1	Existing (if Mod) 000464.65000000	New	MO6	1		5.000	7.000	11K2F1D (A)
A	7	1	Existing (if Mod) 000464.65000000	New	MO6	1		5.000	7.000	11K2F1D (A)
A	8	1	Existing (if Mod) 000464.65000000	New	MO6	1		5.000	7.000	11K2F1D (A)
A	9	1	Existing (if Mod) 000464.65000000	New	MO6	1		5.000	7.000	11K2F1D (A)

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	10	1	Existing (if Mod) 000464.65000000	New	MO6	1		40.000	22.000	11K2F1D (A)
A	11	1	Existing (if Mod) 000464.65000000	New	MO6	1		10.000	7.000	11K2F1D (A)
A	12	1	Existing (if Mod) 000464.60000000	New	MO6	1		10.000	13.000	11K2F1D (A)
A	13	1	Existing (if Mod) 000464.65000000	New	MO6	1		5.000	7.000	11K2F1D (A)
A	14	1	Existing (if Mod) 000464.65000000	New	MO6	1		25.000	14.000	11K2F1D (A)

Attachment(s):

Type	Description	Date Entered
W	<u>WAIVER REQUEST</u>	12/28/2011

AMERICAN TIME & SIGNAL CO.
CALL SIGN WQFW336
EXHIBIT NO. 601-1

WAIVER REQUEST

Applicant American Time & Signal Co. (ATS) respectfully requests waiver of the definition of "mobile station" set forth in Section 90.7 of the Commission's rules, 47 C.F.R. §90.7, to the extent necessary to license ATS' SiteSync® and SiteSync IQ® transmitters as "MO6" sites on a primary basis under its radio station license Call Sign WQFW336.

ATS manufactures and sells wireless clock systems nationwide to schools, hospitals and other organizations operating in a large building or campus environment that have a need to synchronize numerous clocks spread throughout their premises. Internal transmitters at 5 and 10 watts are installed inside the System Controller (master clock) that transmit brief data signals periodically to associated clocks equipped with wireless receivers; and external transmitters at 25 and 40 watts are installed in enclosures separate from the System Controller that perform identical functions. The transmitters are attached either to magnetic mount 6 dBi gain or 26 inch fiberglass unity gain omnidirectional antennas. The transmitter(s) and antenna installations typically are deployed in the customer's headquarters or other campus building, usually at heights of 23 meters or less, and sometimes with "fill-in" transmitters to eliminate in-building or other gaps in signal coverage in the customer's premises.

WQFW336 authorizes ATS to operate FB6T stations nationwide, subject to certain restrictions north of Line A and east of Line C, on five frequencies in the 464.600 to 464.700 MHz band. ATS has hundreds of its wireless clock systems currently in operation pursuant to its license, and the number of such systems continues to grow over time. ATS initially believed, based on advices it received prior to applying for and being issued WQFW336, that the transmitters at its customer locations could be operated indefinitely under its license, due to the moveable nature of the transmitters utilized in its wireless clock systems and the fact that such transmitters may in fact be relocated over time due to signal coverage considerations or other changes in customer needs. Nonetheless, in order to resolve any questions concerning the appropriateness of its current licensing, ATS desires to specifically license its customer locations and requests that they be authorized as "MO6" sites on WQFW336.

The Commission has previously addressed the appropriateness of an MO6 license designation for multiple low power data transmitters, in circumstances identical to those presented by ATS' operations. See *Amendment of Part 90 of the Commission's Rules and Policies for Applications and Licensing of Low Power Operations in the Private Land Mobile Radio 450-470 MHz Band (Report and Order)*, WT Docket No. 01-147, 18 FCC Rcd 3948, ¶¶17, 39 (FCC 2003)(the "Low Power R&O"). In that case, the Commission rejected the Land Mobile Communications Council's proposal that mobile-only data systems be prohibited in the 450-470 MHz low power band, finding that "providing coordinates for every fixed site would be

AMERICAN TIME & SIGNAL CO.
CALL SIGN WQFW336
EXHIBIT NO. 601-1

an administrative burden for entities that operate numerous fixed sites throughout their service area” and concluding that “entities that operate data systems should be able to license multiple fixed sites as mobile.” (*Low Power R&O* at ¶39). The Commission also recognized that providing site coordinates facilitates the frequency coordination process, and therefore stated that it “will continue to allow licensees who would like coordinators to consider their fixed operations in recommending frequencies for other applications to provide such coordinates.” (*Id.* at ¶17).

ATS’ wireless clock systems fit the same technical and operational profile as the fixed low power data systems which the Commission allows to be licensed as mobile sites in the Group A low power frequencies in the 450-470 MHz band. Similarly, too, having to license the numerous customer locations throughout its nationwide service area as fixed sites would be extremely burdensome administratively for ATS and its frequency coordinators, and physically could not be done under Call Sign WQFW336 due to the limit on sites per call sign imposed by ULS.

However, ATS is willing to provide the coordinates for the master transmitters at each customer location, and it is willing to accept a condition on grant of its requested waiver that it license each master transmitter as the centerpoint of its MO6 site at its customer’s location. ATS is further willing to accept the condition that it maintain the accuracy of its licensed sites in the Commission’s records. For this reason ATS believes that the waiver it requests offers significant public interest advantages over the Group A low power licensing requirements, in that (1) the location of each licensed master transmitter will be maintained in the Commission’s data base on a current basis, thereby facilitating the frequency coordination process for other applicants and enabling the Commission to readily identify and locate master transmitters operating under WQFW336 in the unlikely event that harmful interference should occur; and (2) the maximum service area requested by ATS pursuant to this waiver request is 20 kilometers (for its 40 watt transmitters), in contrast to the 50 miles contemplated for Group A low power stations.

Section 1.925(b)(3)(ii) of the Commission’s rules, 47 C.F.R. §1.925, provides that waiver may be granted on request, or on the Commission’s own motion, in circumstances where application of specific requirements would be unduly burdensome. ATS respectfully submits that the Commission has already determined in the *Low Power R&O* that licensing each fixed site is unduly burdensome where entities such as ATS operate numerous fixed sites fitting the profile of low power data systems throughout their service area. ATS also respectfully submits that with the conditions proposed for grant of the waiver herein, the public interest in fostering interference free operations by licensees in the 464.600 to 464.700 MHz band will be fully served by licensing its customer locations as MO6 sites. Accordingly, ATS respectfully submits that the conditions for waiver set forth in Section 1.925 of the rules are fully satisfied, and that the waiver herein requested should be granted.